

What is Claimed:

1. A portable telephone system comprising:
a simple base station device installed in a boundary of an area prohibited from using a portable telephone set and used for outputting a display signal indicating said boundary; and
5 a portable telephone set having setting means for outputting, upon receiving said display signal when entering and alternatively exiting from said area, one selected from a communication suspension setting signal and a communication suspension release setting signal to a position management server in a radio network, own portable telephone set having been position-10 registered in said position management server.
2. The portable telephone system of claim 1, wherein said simple base station device includes means for receiving one selected from said communication suspension setting signal and said communication suspension release setting signal and performing position-registration of said portable telephone set in said position management server via a public base station device.
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3. The portable telephone system of claim 2, wherein said position management server includes means for controlling a call incoming to said portable telephone set based on said position-registration of said portable telephone set.
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4. The portable telephone system of claim 3, wherein said means for controlling said incoming call performs no control for a call incoming to said portable telephone set in a condition of communication suspension setting.
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5. The portable telephone system of claim 1, wherein said setting means outputs an identifier included in said communication suspension signal

to a telephone set that makes a call to a portable telephone set to be communication-suspended, said identifier indicating a service content provided to said telephone set.

5 6. A portable telephone system comprising:
a simple base station device installed in an area prohibited from using a portable telephone set and used for outputting a signal instructing one selected from power ON and power OFF for a portable telephone set; and

10 a portable telephone set having setting means for receiving, when entering and alternatively exiting from said area, said instruction signal to perform one selected from power ON control and power OFF control and outputting a communication suspension setting signal and alternatively a communication suspension release setting signal to a position management server in a radio network, own portable telephone set having been position-
15 registered in said position management server.

7. The portable telephone system of claim 6, wherein said simple base station device includes means for receiving one selected from said communication suspension setting signal and said communication suspension release setting signal and performing position-registration of said portable telephone set in said position management server via a public base station device.

25 8. The portable telephone system of claim 7, wherein said position management server includes means for controlling a call incoming to said portable telephone set based on said position-registration of said portable telephone set.

30 9. The portable telephone system of claim 8, wherein said means for controlling said incoming call performs no control for a call incoming to said portable telephone set in a condition of communication suspension setting.

10. The portable telephone system of claim 6, wherein said setting means outputs an identifier included in said communication suspension setting signal to a telephone set that makes a call to a portable telephone set to be communication-suspended, said identifier indicating a service content provided to said telephone set.
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11. A portable telephone system comprising:
a portable telephone set having radio communication means;
a public base station device connected by a network and wire;
10 a position management server connected to said network; and
a simple base station device having means of communications with both of said portable telephone set and said public base station device and installed in a boundary of a communication prohibited area,
wherein said simple base station device includes means for informing a
15 control signal for one selected from power ON and power off for a radio section of said portable telephone set and means for receiving a message from said portable telephone set and transmitting said message to said position management server via said public base station device, said portable telephone set includes means for transmitting, upon receiving said control signal, a
20 message indicating its own communication suspension and alternatively communication suspension releasing to said simple base station device, said position management server includes means for registering a relation between a content of said message and a telephone number of said portable telephone set and said network performs, if a communication suspended condition of a
25 portable telephone set is recognized by referring to said position management server for making a call to the same, no incoming call processing for said public base station device where said portable telephone set has been position-registered.

12. A communication control method for a portable telephone set comprising:
outputting an instruction signal instructing a portable telephone set to perform a power ON or a power OFF control from a simple base station
5 installed in an area in which using said portable telephone set is prohibited;
outputting a communication suspension setting or a communication suspension release setting from said portable telephone set in response to said instruction signal, to a position management server in a radio network;
10 performing a power ON control or a power OFF control for said portable telephone set that has received said instruction signal; and
performing a communication suspension setting or a communication suspension release setting for said position management server in said radio network, one portable telephone set having been positioned-registered in said position management server.

15 13. The portable telephone set communication control method of claim 12, further comprising controlling, by said position management server, a call incoming to said portable telephone set based on position registration of said portable telephone set.

20 14. The portable telephone set communication control method of claim 13, further comprising registering, when performing communication suspension setting, service content in said position management server, said service content being provided to a telephone set that makes a call to a portable telephone set to be communication-suspended, and providing, by said position management server, a service of said service content to a telephone set that has made a call to said portable telephone set.

25 15. An apparatus for controlling the operation of a portable communication device, the apparatus comprising:

5 a simple base station for use in an area in which the use of the portable communication device is prohibited, the simple base station adapted to output a restricted use signal to the portable communication device and receive a communication status signal from the portable communication device in response to the restricted use signal.

10 16. The apparatus of claim, 15, further comprising a position management server coupled to the simple base station, wherein the simple base station performs position-registration of the portable communication device in the position management server.

17. The apparatus of claim 16, wherein the restricted use signal is a display signal indicating a boundary in which the use of the portable communication device is prohibited.